COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

(includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER

PHNL030833 US

As a below named inventor, I h	ereby declare that:				
My residence, post office addre	ess and citizenship are as stat	ed next to my name.			
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: "Semiconductor device, method of manufacturing a quantum well structure and a semiconductor device comprising such a quantum well structure" the specification of which (check only one item below):					
is attached hereto.					
was filed as United States a	application				
Serial No					
on					
and was amended					
on					
	nal application				
Number PCT/IB2004/05104	0				
on 29 June 2004					
and was amended under PCT Article 19					
on (if applicable).					
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.					
I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).					
I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:					
PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:					
COUNTRY	APPLICATION NUMBER	DATE OF FILING DAY, MONTH, YEAR	PRIORITY CLAIMED UNDER 35 USC 119		
Europe	03101982.1	02 July 2003	YES		

Combined Declaration For Patent Application and Power of Attorney (Continued) (includes Reference to PCT International Applications)

Attorneys Docket Number

PHNL030833 US

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Jack E. Haken, Reg. No. 26,902 Michael E. Marion, Reg. 32,266 Edward M. Blocker, Reg. No. 30,245 Direct Telephone Calls to: (name and telephone number) (914)332-0222

	FULL NAME OF INVENTOR	FAMILY NAME PONOMAREV	FIRST GIVEN NAME Youri	SECOND GIVEN NAME
201	RESIDENCE & CITIZENSHIP	CITY Leuven	STATE OR FOREIGN COUNTRY Belgium	COUNTRY OF CITIZENSHIP The Netherlands
	POST OFFICE ADDRESS	POST OFFICE ADDRESS Naamsesteenweg 501	CITY 3001 Leuven	STATE & ZIP CODE/COUNTRY Belgium

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 if Title 18 of the United states Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201

DATE

07 February 2005

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office (July 1994)

10/563483

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Koninkl			Koninklijke Philips Ele	lijke Philips Electronics N.C.			
App	licat	ion No./Patent No.:		Filed/Issue Date:	Concurrently		
Enti	tled	SEMICONDUCT STRUCTURE AI WELL STRUCT	OR DEVICE METHOD OF ND A SEMICONDUCTOR D URE	MANUFACTURING A DEVICE COMPRISING	QUANTUM WELL SUCH A QUANTUM		
<u>Kon</u> stat	<u>inkli</u> es tl	ijke Philips Electronic nat it is:	s N.V., a corporation				
\boxtimes	the	assignee of the entire	e right, title and interest,				
	an assignee of less than the entire right, title and interest. The extent (by percentage) of its ownership interest is% in the patent application/patent identified above,						
by v	virtu	e of:					
	An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.						
\boxtimes	A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:						
	 From To: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached. 						
	From To: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or for which a copy thereof is attached.						
	3.	From To: The document was, Frame	ras recorded in the United States Patent and Trademark Office at Reel, or for which a copy thereof is attached.				
		Additional document	s in the chain of title are I	isted on a supplemen	ntal sheet.		
	Copies of assignments or other documents in the chain of title are attached. [Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]						
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.							
Da	ite:	03-JAN-	2006	Respectfully submitte	ed,		
				Peter Zawilski, R Title: Patent Atte	brney		

PTO/SB/80 (11-04)
Approved for use through 11/3/0/2003. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPART MENT OF COMMERCE
U.S. Patent and Trademark Office; U.S. DEPART MENT OF COMMERCE
U.S. Patent and Trademark Office; U.S. DEPART MENT OF COMMERCE

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

KONINKLIJKE PHILIPS ELECTRONICS N.V. Groenewoudseweg 1 5621 BA Eindhoven, The Netherlands A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. Signature The dividual whose signature and title is supplied below is authorized to act on behalf of the assignee. Signature Date 02 FEB 2005 Talephone (914) 333-9637	I here	eby revoke all	previous powers of attorney	given in the appl	ication identifi	ed in the attache	d statement under
Practitioners associated with the Customer Number: 24738 OR Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used): Name Registration Name Registration Name Registration Number Registration Number Registration Registration Number Registration Number Registration Number Registration Number Registration Number Registration Number Registration Nu	37 CF	FR 3.73(b).	·	Визиния фр.		- ar are attached	a statement under
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Name Registration Number Registration number of Registration number number of Registr		Practitioner(s) na	med below (if more than ten patent	practitioners are to be	named, then a	customer number mu	st be used):
as attorroy(s) or agent(s) to represent the undersigned before the United States Patert and Trademark Office (USPTO) in connection with any and all patent applications assigned path to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b) for: Variable				Registration Registration	 -		Registration
as attornery(e) or agent(e) to represent the undersigned before the United States Petert and Tradomark Office (USPTO) in connection with any and all patient applications assigned prily to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b). Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to: Year Prime or P	1 1						Number
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Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to: X	as attorr	ncy(s) or agent(s) to represent the undersigned befo	one the United States F	atent and Trade	mark Office (LISPTO)	in connection with
The address associated with Customer Number: 24738 OR Firm or Individual Name Address City Country Telephone KONINKLIJKE PHILIPS ELECTRONICS N.V. Groenewoudseweg 1 5621 BA Eindhoven, The Netherlands A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/36 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filled. Signature Signature Michael E. Marion Title Authorized Representative	attached	to this form in a	ations assigned only to the undersign econdance with 37 CFR 3.73(b).	ned according to the	USPTO assignm	ent records or assign	ment documents
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Firm or Address City State Zip Country Telephone Fax Assignee Name and Address: KON INKLIJKE PHILIPS ELECTRONICS N.V. Groenewoudseweg 1 5621 BA Eindhoven, The Netherlands A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/3B/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of this process appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filled. Signature Signature Signature Date 02 FEB 2005 Name Michael E. Marion Telephone (914) 333-9637 Title Authorized Representative			•	į.			,,
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Michael E. Marion Telephone (914) 333-9637 Take Authorized Representative	Signature	MI					
Authorized Representative	Name	Michae				UZ. FEI	
	Title	Author	ized Representati	ve		TOWNING (314	, 333-903/

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the smouth of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer. U.S. Patent and Trademark Office, U.S. Department of Commerca, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.